

# ***Kentucky Board of Certification of Wastewater System Operators***

## ***Meeting Minutes***

Sept. 18, 2012

### **I. Call to order**

Larry Grubbs, chairman, called to order the regular meeting of the Kentucky Board of Certification of Wastewater System Operators at 11 a.m. EDT, on Sept. 18, 2012, in Frankfort, Kentucky, at the Division of Compliance Assistance, 300 Fair Oaks Lane, Room 301B.

### **II. Roll call**

Larry Grubbs, chairman, conducted a roll call. The following persons were present:

Larry Grubbs, chairman  
Robin Strader, vice chairwoman  
Jerry McClary, member  
Calvin Smith Jr., member  
Alan Todd, member  
Jana Fattic, member  
Julia Kays, Certification and Licensing Branch (CLB)  
Lisa Butler, CLB  
Jake Cuarta, CLB

### **III. Introduction of guests and guest comments**

Julia Kays introduced Jake Cuarta to the board members. Mr. Cuarta has been hired to fill the vacant trainer position in the branch and will be training water and wastewater continuing education and certification classes.

### **IV. Approval of minutes from last meeting**

Robin Strader entered a motion to approve the minutes as presented for the Aug. 21, 2012 minutes. Jerry McClary seconded the motion, and the motion carried.

### **V. New business**

- a) Request for Training Extensions (Addendum 1) – Larry Grubbs
- b) Training Requests (Addendum 2) – Larry Grubbs
- c) Exam Requests (Addendum 3) – Larry Grubbs
- d) Alan Todd entered a motion to release today's training and exam review actions. Robin Strader seconded the motion, and the motion carried.

- e) Julia Kays asked board members if the board would like to defer the review of requests for the two-year extension of approved training to the agency. The board agreed that they wanted to defer this activity to the agency.

**VI. Communication and announcements**

- a) Lisa Butler distributed the wastewater certification account financial summary for August FY13 to members for review.
- b) Julia Kays gave a presentation to the board members on FY12 activities for the certification and licensing branch.

**VII. Adjournment**

Robin Strader entered a motion to adjourn the meeting. Alan Todd seconded the motion, and the motion carried. The meeting adjourned at 11:50 a.m.

Minutes submitted by: Lisa Butler

Minutes approved by: DP/RS

**Amendment Approval Requests**

Course Name	Type	Hours	DCA Event ID#	Amendment	1ST	2ND	Motion approved
Analytical Chemistry Techniques	WW & DW	no change	9227	Change title to: Analytical Chemistry	LG	RS	X
Tracing the Path of Water	WW & DW	no change	9228	Change title to: Dye Tracing of the That of Water	LG	RS	X
Wastewater Training	WW & DW	no change	11027	Content of session and change in instructor	LG	RS	X

**Approved Course Two Year Extension Requests**

Provider	Type	Course #	CEU Hrs	Course Title	Course Approval Terminates	Comments	1st	2nd	Motion Approved	Approval Terminates
CEU Plan	DW/WW	6781	3	Dechlorination - Gas Application and Usage	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	6782	1	Primary Treatment	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8549	1	Activated Sludge II: 2nd Clarifiers & RAS-WAS	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8582	1	Trenchless Technologies: An Introduction	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8583	1	Trenchless Technologies: Pipeline & Structure Rehabilitation	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8584	2	HIV in Wastewater: Presence & Risk	10/21/2014		LG	AT	X	9/18/2014

Provider	Type	Course #	CEU Hrs	Course Title	Course Approval Terminates	Comments	1st	2nd	Motion Approved	Approval Terminates
CEU Plan	DW/WW	8585	4	Toxic Hazard Materials Handling	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8586	1	Basic Microbiology	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8587	1	Parasites I Helminths	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8588	1	Laboratory Safety: Guidelines-Chemical & Biosafety	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8589	1	Procedure for UV Pilot Testing	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8590	1	UV Disinfection - Sizing of UV System using Bioassay	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8591	1	History of UV Disinfection	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8594		BFCS: Effective Supervisor Communication	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8647	2	Wastewater Sludge Treatment: Complete Course	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8648	1	Activated Sludge I: Introduction & Overview	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8650	1	Activated Sludge III: Oxygen Demand - Transfer - Uptake	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8651	4	Sludge Digestion & Solids Handling Complete Course	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8652	1	Introduction to Solids Handling & Stabilization	10/21/2014		LG	AT	X	9/18/2014

Provider	Type	Course #	CEU Hrs	Course Title	Course Approval Terminates	Comments	1st	2nd	Motion Approved	Approval Terminates
CEU Plan	WW only	8653	1	Stabilizations	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8655	1	Trickling Filters	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8656	1	ORP - Wastewater Biological Nutrients Removal Process	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8657	2	Wastewater Formulas	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8658	2	Collection Math	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8659	1	Use of Excel in WWTPs	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8660	1	Wastewater Operational Tools	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8661	2	Introduction Biological Nutrient Removal	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8662	1	Activated Sludge IV: Process Control & Troubleshooting	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8663	1	Package WWTP	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8664	1	Activated Sludge V: Troubleshooting Part 2	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8665	5	Activated Sludge Complete Course	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8669		Lift Station Repair	10/21/2014		LG	AT	X	9/18/2014

Provider	Type	Course #	CEU Hrs	Course Title	Course Approval Terminates	Comments	1st	2nd	Motion Approved	Approval Terminates
CEU Plan	DW/WW	8713	1	Introduction to Chlorine	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8714	1	Components of Chlorine	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8715	1	Chlorinators	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8716	1	Chlorine Procedures	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8717	1	Chlorine Dioxide	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8718	4	On-Site Sodium Hypochlorite Generator Conversion	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8719	1	Oxidation in Water/Wastewater	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8720	1	Bio-augmentation	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8721	1	Geology	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8722	1	Introduction to UV Technologies	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8723	4	Hazardous Materials Effects to Human Health	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8724	3	Emerging Waterborne Pathogens	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8725	1	Health Concerns of Public Interest	10/21/2014		LG	AT	X	9/18/2014

Provider	Type	Course #	CEU Hrs	Course Title	Course Approval Terminates	Comments	1st	2nd	Motion Approved	Approval Terminates
CEU Plan	WW only	8726	1	Sludge Conditioning & Dewatering	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8727	10	Basic Chemistry - Complete Series	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8728	1	Atoms & Molecules	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8729	1	Nuclear Decay	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8730	1	States of Matter	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8731	1	Chemical Bonding	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8732	1	Chemical Nomenclature	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8733	2	Solubility	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8734	1	Reverse Osmosis	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8735	1	Basic Mathematics	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8736	2	Advanced Mathematics	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8737		Pipes, Valves & Fittings	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only	8738	8	Corrective Preventative Maintenance: Complete Course	10/21/2014		LG	AT	X	9/18/2014

Provider	Type	Course #	CEU Hrs	Course Title	Course Approval Terminates	Comments	1st	2nd	Motion Approved	Approval Terminates
CEU Plan	DW/WW	8739	2	CPM: Functions, Failures - Modes & Effects	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8740	2	CPM: Building a PM Program	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8741	2	CPM: Tracking Failures	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8742	2	Basic Computers	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8743	1	Blueprints I	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW only	8744	1	Personal Sampling for Surface Contaminants	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8745	1	Technical Equipment	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8746	3	Chemical Clothing/Respiratory	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8749	2	Respiratory Protection	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8751	2	CPM: Creating SOPs	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8752	2	Trenchless Technologies: Complete Course	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW only	8752	10	Water Treatment Techniques - Complete Course	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	DW/WW	8759	1	Your Responsibilities with the Regulatory Agency	10/21/2014		LG	AT	X	9/18/2014

Provider	Type	Course #	CEU Hrs	Course Title	Course Approval Terminates	Comments	1st	2nd	Motion Approved	Approval Terminates
CEU Plan	WW only	9213	1	SSPS: Selection of Submersible Pumps	10/21/2014		LG	AT	X	9/18/2014
CEU Plan	WW only		1	Sludge Digestion & Beneficial Use	10/21/2014		LG	AT	X	9/18/2014
Kentucky Rural Water Assoc	DW/WW	8061	3	Tail Gate #6 Emergency Preparedness			LG	RS	X	4/30/2014
Kentucky Rural Water Assoc	DW/WW	8062	3	Tail Gate #7 Pipeline Locating			LG	RS	X	4/30/2014
Kentucky Rural Water Assoc	DW/WW	8063	2	Tail Gate #8 Disinfection Process			LG	RS	X	4/30/2014
Kentucky Rural Water Assoc	DW/WW	8064	3	Tail Gate #9 GPS/GIS			LG	RS	X	4/30/2014
Kentucky Rural Water Assoc	WW only	8045	3	Tail Gate #10 Wastewater Lab			LG	RS	X	4/30/2014
Kentucky Rural Water Assoc	WW only	8065	3	Tail Gate #11 Smoke Testing Sanitary Sewers			LG	RS	X	4/30/2014

**New Training Requests**

Request Number	Provider Name	Name of Training	Date of Training	WW Hours Requested	WW Board Comments	WW 1st	WW 2nd	WW Motion passed	WW hours approved	WW TCH #
1522	Morehead State University	Training Course for Analyst Performing Drinking Water, Ambient Water, LT2, Ground and Wastewater Analysis	1/17/2013	24	Only 3 hours approved for wastewater	JM	CS	X	3	11084
1523	MSD of Louisville	ABS Pump O&M Training	9/18/2012	1		AT	JM	X	1	11085
1527	CEU Plan.com	Wastewater Microbiology & Process Control - Part 2	9/18/2012	2		RS	AT	X	2	11088
1528	CEU Plan.com	Grit Removal	9/18/2012	1		RS	AT	X	1	11089
1529	CEU Plan.com	Pump Station Maintenance	9/18/2012	1		RS	AT	X	1	11090
1533	CEU Plan.com	Reasonable Security Measures to Protect Your Plant	9/21/2012	1		RS	AT	X	1	11094
1534	CEU Plan.com	Clarifier Operation	9/21/2012	2		RS	AT	X	2	11095
1535	CEU Plan.com	Common Pitfalls in Chemical Feed	9/13/2012	4		RS	AT	X	4	11096

Request Number	Provider Name	Name of Training	Date of Training	WW Hours Requested	WW Board Comments	WW 1st	WW 2nd	WW Motion passed	WW hours approved	WW TCH #
1536	CEU Plan.com	Field Testing A Spill-Resistant Pressure Vacuum Breaker Backflow Prevention - 3 valve test kit	9/13/2012	1		RS	AT	X	1	11097
1537	CEU Plan.com	Field Testing A Pressure Vacuum Breaker Backflow Prevention - 3 valve test kit	9/13/2012	1		RS	AT	X	1	11098
1538	CEU Plan.com	Field Testing A Reduced Pressure Principle Backflow Prevention - 3 valve test kit	9/13/2012	1		RS	AT	X	1	11099
1539	CEU Plan.com	Field Testing A Double Check Valve Assembly - 3 valve test kit	9/13/2012	1		RS	AT	X	1	11100
1540	CEU Plan.com	ERS: Generators	9/13/2012	1		RS	AT	X	1	11101
1541	CEU Plan.com	Introduction to Concrete Pressure Pipe	9/13/2012	1		RS	AT	X	1	11102
1542	CEU Plan.com	Principles of Chlorination & Dechlorination	9/13/2012	3		RS	AT	X	3	11103
1545	Kentucky Rural Water Assoc.	Water & Wastewater Training - Harlan	10/3/2012	12		CS	AT	X	12	11106
1546	The C.I. Thornburg Company Inc.	Water & Wastewater Chemistry & Implementation Equipment	9/26/2012	3		CS	AT	X	3	11107

Request Number	Provider Name	Name of Training	Date of Training	WW Hours Requested	WW Board Comments	WW 1st	WW 2nd	WW Motion passed	WW hours approved	WW TCH #
1547	MSD of Louisville	Hazmat Refresher Training	9/18/2012	7		CS	AT	X	7	11108
1548	Louisville Water Company	Hazmat Refresher 2012	10/31/2012	4.75		AT	JF	X	4.75	11109
1549	Hach Company	Hach Application Seminars	10/9/2012	10		AT	CS	X	10	11110

**Reciprocity Applications and Class IV Exam Requests**

Request #	Name	AI #	Application Type	If Reciprocity State & Current Certification	Status: Approved, Conditional Approval, Denied)	Comments	1st	2nd	Motion Carried
176	Billy R. Carver, Jr.	32134	Collection IV		Approved		JF	AT	X
177	John E. Haskins	116215	Treatment IV	Ohio Class IV	Approved		LG	RS	X
178	David M. Burris	30693	Treatment IV		Approved		JM	CS	X